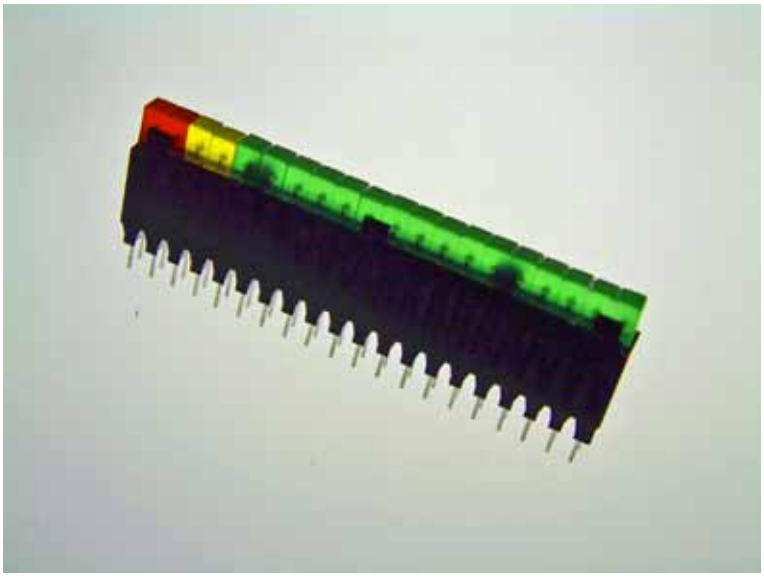
BG2000B SERIES
20 Element
Bargraph

BG2000B is a family of Bar graphs of various colours up to 20 elements. Light Emitting Diodes 3x3mm are mounted in a black Polycarbonate housing which conforms to flammability specification UL-94VO. The LEDs are aligned with a flat top for direct presentation to the viewer, castellations support a 2mm front panel.

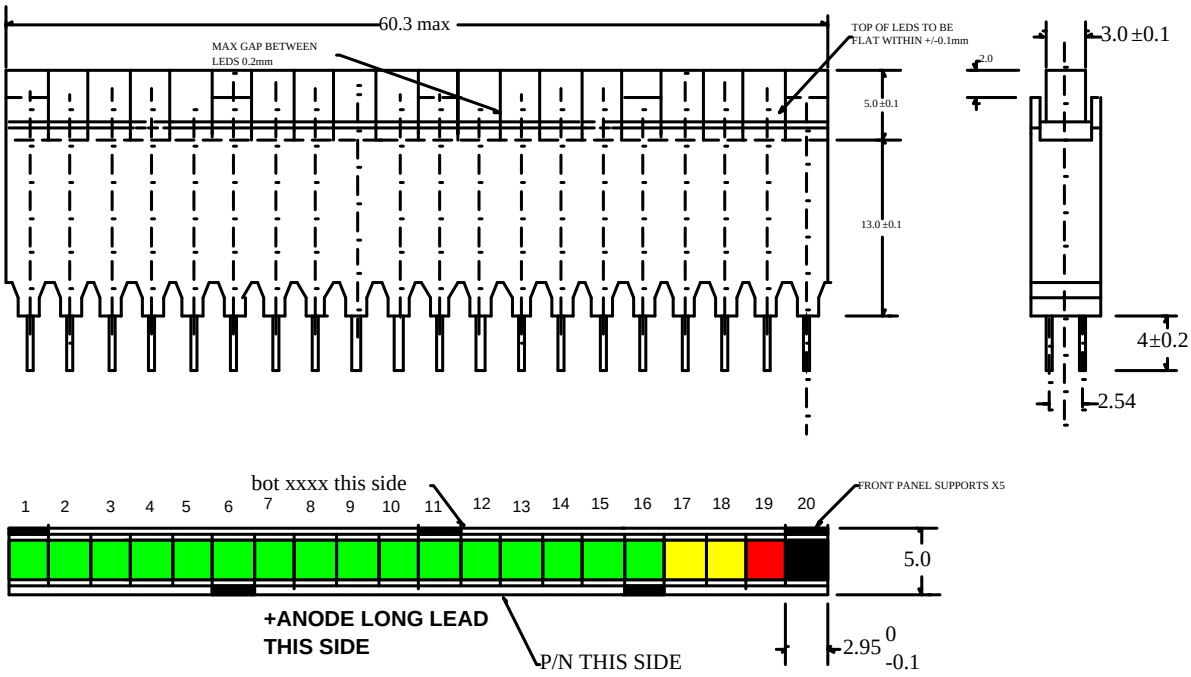


- Any colour combination of Red, Yellow or Greeen LEDS.
- Any number of elements up to 20.
- Matching LEDS..

These components are RoHS compliant

Pb

MECHANICAL DATA



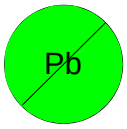
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8.05.06

BG2000B SERIES

ABSOLUTE MAXIMUM RATINGS (at 25 ^{O})

These components are RoHS compliant



COLOUR	GREEN	RED/YELLOW	UNITS
DC FORWARD CURRENT	25	30	mA
POWER DISSIPATION PER LED	105	105	mW
REVERSE VOLTAGE	5.0	5.0	Volts
STORAGE TEMP	-40 TO +85	-40 TO +85	^{o}C
OPERATING TEMP	-40 TO +85	-40 TO +85	^{o}C
LEAD SOLDERING TEMP **2m from body t < 5 sec**	260	260	^{o}C

ELECTRO-OPTICAL DATA (25^{o}C)

COLOUR	VIEWING ANGLE deg	PEAK WAVELENGTH nm	FORWARD VOLTAGE (If = 20mA) MAX V	LUMINOUS INTENSITY mcd If = 20mA MIN	TYP
YELLOW	110	590	3	2	8
GREEN	110	565	3	2	8
RED	110	625	3	3.2	8

ORDERING INFORMATION

For mixed colours & units less than 20 elements please describe as:- BG20XY XY = Number of elements

USE R,Y OR G TO INDICATE COLOUR SEQUENCE FROM LEFT ON DRG ON FRONT PAGE

For devices with all same colour please describe as BG2000BX wwhere X=colour

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